

**Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

1-19. (Cancelled)

20. (Original) A system for removing moisture from a fuel cell in a vehicle, the system comprising:

    a temperature-measuring device to measure the temperature in the vicinity of a fuel cell in a vehicle;

    a source of a moisture-removing medium;

    a conduit for transporting the moisture-removing medium to the fuel cell; and

    a controller that receives temperature data from the temperature sensor, wherein the temperature controller initiates a medium-flowing event in which the moisture-removing medium is flowed through the fuel cell when the ambient temperature drops below a predetermined temperature and wherein the controller remembers that the medium-flowing event has occurred during a given engine shut off period, so that if the vehicle warms up above the predetermined temperature and then subsequently drops below the predetermined temperature a subsequent medium-flowing event is not initiated until the vehicle goes through another engine turn on and shut down cycle.

20. Second Occurrence (Cancelled)

21. (Previously Presented) The system of claim 20 wherein the temperature sensor is a thermostat element or a thermal switch.

22. (Previously Presented) The system of claim 20 wherein the temperature sensor is placed in the coolant that precedes the inlet to the fuel cell stack, in the ambient atmosphere adjacent to the fuel cell stacks, or in the water in the fuel cell.

23. (Previously Presented) The system of claim 20 wherein the temperature sensor is placed exterior to the fuel cell at a location within the vehicle that is correlated to fuel cell temperatures.

24. (Previously Presented) The system of claim 20 wherein the predetermined temperature is greater than or equal to about 0 °C.

25. (Previously Presented) The system of claim 20 wherein the predetermined temperature is from about 3 °C to about 7°C.

26. (Previously Presented) The system of claim 20 wherein the temperature sensor measures the ambient temperature continuously or at successive time intervals while the vehicle is shut down until the vehicle is operated.